

Isolving

Feature	Symbols	Units	Value	Institution of Certificates	Specification	Notes
Thickness	s	mm	8	-	-	± 1 mm
Weight	P	g/m ²	500	-	-	± 10 g/m ²
Reaction to fire	R _f	Euroclass	C-s1,d0	Istituto Giordano	UNI EN 13501-1 : 2007	-
Reaction to fire	R _f	Class	1 (ITA)	Istituto Giordano	UNI 9177:10/87 UNI 9176:01/98 UNI 8457:10/87 UNI 9174:10/87	-
Reaction to fire	R _f	Class	M1 (FRA)	CSTB	-	-
Emissivity	E	-	0,06	ZAE Bayern	DIN EN 12898	-
Thermal resistance	R	m ² K/W	1,57±0,02	Istituto Giordano	UNI EN 12667:2002	-
Thermal resistance	R	m ² K/W	1,55	NPL	BS EN ISO 8990:1996	-
Steam diffusion resistance	M	-	>300.000	CSI	UNI EN ISO 12572:2006	T = 23°C ΔUR 50%
Sound insulation	R _w	dB	61	Istituto Giordano	ISO 140-3:1995 ISO 717-1:1996	Wall 1+19+5+8+1
Sound insulation	R _w	dB	55	Istituto Giordano	ISO 140-3:1995 ISO 717-1:1997	Wall 1+8+5+8+2
Resistance to compressive stress	-	kPa	330,9	University of Perugia- Faculty of Engineering	UNI EN ISO 3386-1:2000	-
Resistance to tensile stress	-	N	111,97	University of Perugia- Faculty of Engineering	UNI EN ISO 527-1:1997	-

